

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		Yokoo.K.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:21
		S46 and (TFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:13
		S46 and (TFT or "thin film transistor" or "thin-film transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:13
		S46 and (TFT or "thin film transistor" or "thin-film transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:13
		S10 and (TFT or "thin film transistor" or "thin-film transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:13
S1	14	US-6140167-\$.DID. OR US-5710478-\$.DID. OR US-6329258-\$.DID. OR US-5519244-\$.DID. OR US-4980303-\$.DID. OR US-4912053-\$.DID. OR US-5143820-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 11:55
S2	15	("5138237"   "5212426"   "5341063"   "5430348"   "5550435").PN. OR ("5710478").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 12:15
S3	8	("4988638"   "5210472"   "5229331"   "5372973"   "5482870"   "5710478"   "6020683"   "6057555").PN. OR ("6344378").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 12:16

## EAST Search History

S4	9	("4988638"   "5210472"   "5229331"   "5372973"   "5482870"   "5710478"   "6020683"   "6057555"   "6249327").PN. OR ("6504170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 12:17
S5	65	("3500102"   "3814968"   "3883760"   "3970887"   "4575765"   "4859304"   "4874981"   "4940916"   "4992137"   "5000208"   "5024722"   "5049520"   "5100355"   "5141461"   "5151061"   "5162704"   "5186670"   "5191217"   "5199917"   "5204581"   "5205770"   "5210472"   "5212426"   "5219310"   "5229331"   "5229682"   "5232549"   "5259799"   "5283500"   "5329207"   "5342477"   "5358599"   "5358601"   "5358908"   "5372973"   "5374868"   "5391259"   "5448133"   "5451830"   "5483118"   "5500750"   "5620832"   "5621272"   "5632664"   "5633560"   "5637023"   "5643033"   "5643817"   "5648698"   "5648699").PN. OR ("6020683").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 12:18
S6	196	("2959704"   "3419746"   "3466485"   "3665241"   "3748523"   "3805126"   "3814968"   "3852595").PN. OR ("3970887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 12:19
S7	39	lee-ji-ung.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:24
S8	79	lee-john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:24
S9	18	moradi-benham.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:24

## EAST Search History

S10	2454	(313/310,336).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 12:57
S11	59	S10 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:17
S12	42	S11 and (FED or "field emitter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:16
S13	6	("6137219").URPN.	USPAT	OR	ON	2006/01/20 13:02
S14	11	("5012153"   "5210472"   "5359256"   "5698942"   "5907215").PN. OR ("6137219").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:02
S15	726	S10 and (FED or "field emitter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:04
S16	27	S15 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:17
S17	19	S15 and (emitter near5 drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:04
S18	6	("4891093"   "5268648"   "5359256"   "5479256"   "5688707").PN. OR ("6020595").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:05
S19	11	("5266530"   "5455196"   "5532177").PN. OR ("5688707").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:06

## EAST Search History

S20	12	("3755704"   "4513308"   "4766340"   "4908539"   "5173634"   "5448133"   "5550435"   "5965972").PN. OR ("6163107").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:06
S21	0	257/10,49-75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:16
S22	9078	(257/10,49-75).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 13:16
S23	461	S22 and (FED or "field emitter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:20
S24	210	S23 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:20
S25	4	S24 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:19
S26	3384	(438/20,149,151,155,180).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 13:18
S27	353	S26 and (FED or "field emitter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:19

## EAST Search History

S28	128	S27 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:19
S29	7	S28 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:21
S30	103475	((("315") or ("445"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 13:20
S31	11881	S30 and (FED or "field emitter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:01
S32	282	S31 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:21
S33	8	S32 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:21
S34	408513	((("257") or ("438"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 13:21
S35	15527	S34 and (FED or "field emitter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:59

## EAST Search History

S36	1182	S35 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:00
S37	26	S36 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:21
S38	408513	((("257") or ("438"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:00
S39	1390	S38 and ((field or electron) adj emitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:00
S40	141	S39 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:01
S41	134	S39 and ("thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:00
S42	103475	((("315") or ("445"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:01
S43	1772	S42 and ((electron or field) adj emitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:01

## EAST Search History

S44	64	S43 and (TFT or "thin film transistor" or "thin-film transistor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:01
S45	20	US-5482870-\$.DID. OR US-5372973-\$.DID. OR US-5229331-\$.DID. OR US-5210472-\$.DID. OR US-4988638-\$.DID. OR US-6057555-\$.DID. OR US-5710478-\$.DID. OR US-6020683-\$.DID. OR US-6249327-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 17:33
S46	772	((438/20) or (257/20)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 18:25
S47	772	S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:15
S48	29	S47 and TFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:14
S49	225	S47 and (thin adj film or thin\$1film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:15
S50	36	S47 and ((thin adj film or thin\$1film) near3 transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:26
S51	503	Yokoo-K\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:22

## EAST Search History

S52	82	Hashiguchi-G\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:24
S53	3	S52 and (thin\$1film or thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:24
S54	1141	((438/20) or (257/10,20)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 18:26
S55	702	S54 and (emitter or emission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:27
S56	28	S55 and ((thin adj film or thin\$1film) near3 transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:27
S57	3797	(313/309-310,336,351).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 18:27
S58	2140	S57 and (emitter or emission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:27
S59	67	S58 and ((thin adj film or thin\$1film) near3 transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:45



## EAST Search History

S60	5014	(257/66,67,72,57,59).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 18:33
S61	2809	(438/149,151,155).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 18:33
S62	7442	S60 or S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:33
S63	140	S62 and (field adj emitter or field adj emission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:45
S64	17978	("445").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 18:45
S65	285	S64 and ((thin adj film or thin\$1film) near3 transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:45
S66	60	S65 and (field adj emitter or field adj emission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:45
S67	463	(257/10).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 15:32

## EAST Search History

S68	438	(438/20).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 15:40
S69	1725	(313/309).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 15:42
S70	1569	(313/310).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 15:40
S71	1212	(313/351).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 15:42
S72	826	S67 or S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 15:42
S73	21	S72 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 15:54
S74	33	S69 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 15:54
S75	13	S70 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 15:54

## EAST Search History

S76	17	S71 and (emitter with drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 15:54
S77	42	S74 or S75 or S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 15:54
S78	12	("5319233"   "5412285"   "5485019"   "5543947"   "5744914").PN. OR ("5939833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 16:04
S79	13	("3755704"   "4513308"   "4766340"   "4908539"   "5173634"   "5448133"   "5550435"   "5965972").PN. OR ("6163107"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 16:05
S80	2	("6417605").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 16:05
S81	56	("3500102"   "3814968"   "3883760"   "3970887"   "4575765"   "4859304"   "4874981"   "4940916"   "4992137"   "5000208"   "5015912"   "5024722"   "5049520"   "5100355"   "5141461"   "5151061"   "5162704"   "5186670"   "5191217"   "5199917"   "5204581"   "5205770"   "5210472"   "5212426"   "5219310"   "5229331"   "5229682"   "5232549"   "5259799"   "5283500"   "5329207"   "5342477"   "5358599"   "5358601"   "5358908"   "5372973"   "5374868"   "5391259"   "5448133"   "5451830"   "5483118"   "5500750"   "5620832"   "5621272"   "5632664"   "5633560"   "5637023"   "5643033"   "5643817"   "5648698"   "5648699"   "5866979"   "6020683").PN. OR ("6417605"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 16:07

## EAST Search History

S82	463	(257/10).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 08:13
S83	438	(438/20).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 08:13
S84	1725	(313/309).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 08:13
S85	1569	(313/310).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 08:13
S86	1212	(313/351).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 08:13
S87	4157	S82 or S83 or S84 or S85 or S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:13
S88	113	S87 and (self\$align\$3 near5 gate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:14
S89	106	S88 and emitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:14

## EAST Search History

S90	88	("3453478"   "3665241"   "3755704"   "3921022"   "3998678"   "4008412"   "4307507"   "4513308").PN. OR ("4943343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 08:17
S91	97	("3453478"   "3755704"   "3789471"   "3814968"   "3921022"   "3970887"   "4095133"   "4178531"   "4575765"   "4721885"   "4940916"   "4943343"   "4964946"   "4983878").PN. OR ("5199917").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 08:18
S92	59	("3303085"   "3407125"   "3497929"   "3562881"   "3665241"   "3755704"   "3970887"   "3998678"   "4008412"   "4338164"   "4345181"   "4407934"   "4668957"   "4732646"   "4763187"   "4857161"   "4874981"   "4897338"   "4908539"   "4940916"   "5007873"   "5019003"   "5053673"   "5129850"   "5141460"   "5142184"   "5150019"   "5150192"   "5162704"   "5164632"   "5170092"   "5188977"   "5194780"   "5199917"   "5199918"   "5202571"   "5211707"   "5228877"   "5249340"   "5252833"   "5277638"   "5278475"   "5316511"   "5559389"   "5587623"   "5594298"   "5619097").PN. OR ("6204596").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 08:25
S93	2	("5801075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 09:16

EAST SSF 8/2/06